From: Ann Burdett
To: Rieser, Shannon
Subject: FW: Waste generated from a Palintest (Lead-test on drinking water)
Date: Thursday, February 15, 2018 5:11:03 PM

Hi Shannon,

I have some additional information from my earlier e:mail. The lab would like to know now if they can collect the vials that have a small amount of sample (potable water), including the part of the probe that drops into the vial, in a waste collection container and ship to Veolia for Hg reclamation. If you can accept it (similar to us sending you COD vials), what analysis would you need to profile waste in the future? It sounds like the part of the probe that is in the vial (tip of probe is a one time use) is a piece of metal that may have mercury on it, but we would only be able to decant off the liquid to determine the Hg in the sample waste.

If we had the sample waste analyzed for TCLP mercury, would we be able to profile it to Veolia for reclamation and ship you a container that has individual vials?

Thanks for whatever assistance you could provide,
Ann

From: Ann Burdett
Sent: Friday, February 09, 2018 12:02 PM
To: Rieser, Shannon <shannon.rieser@veolia.com>
Cc: Javid Saleem <jsaleem@csu.org>
Subject: Waste generated from a Palintest (Lead-test on drinking water)

Hi Shannon,

Our lab is generating waste from testing lead in a small amount of drinking water in the field. I think they use a probe that is coated with mercuric chloride salt and I believe there is a transfer in the presence of lead for the lead from the water sample to adhere to the probe and mercury releases into the drinking water sample. We are sending the sample in for TCLP 8 RCRA Metals and don't anticipate anything but mercury since it is drinking water.

If the mercury is anticipated to be 0.75 ppm (<260 ppm Hg), would you suggest still reclaiming the mercury at Veolia or is it too low. If not reclaim, we would send for solidification to US Ecology… could take a while to generate enough to ship.

Thank you!

Ann Burdett
Interim Environmental Section Supervisor, CHMM

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